



## wwPDB EM Map Validation Summary Report ⓘ

Dec 9, 2020 – 12:29 pm GMT

EMDB ID : EMD-5241  
Title : Human Low Density Lipoprotein with Mono-Sulfo-NHS-Undecagold  
Authors : , Liu.Y.; , Atkinson.D.  
Deposited on : 2010-10-14  
Resolution : 25.00 Å(reported)

This is a wwPDB EM Map Validation Summary Report for a publicly released PDB entry.

We welcome your comments at [validation@mail.wwpdb.org](mailto:validation@mail.wwpdb.org)

A user guide is available at

<https://www.wwpdb.org/validation/2017/EMMapValidationReportHelp>

with specific help available everywhere you see the ⓘ symbol.

---

The following versions of software and data (see [references ⓘ](#)) were used in the production of this report:

EMDB validation analysis : **FAILED**  
Validation Pipeline (wwPDB-VP) : 2.13

# 1 Experimental information

Property	Value	Source
EM reconstruction method	singleParticle	Depositor
Imposed symmetry	Not Provided	Depositor
Number of images used	31000	Depositor
Resolution determination method	FSC 0.5 CUT-OFF	Depositor
CTF correction method	ctfit	Depositor
Microscope	FEI TECNAI 20	Depositor
Voltage (kV)	120	Depositor
Electron dose ( $e^-/\text{\AA}^2$ )	25	Depositor
Minimum defocus (nm)	0.8	Depositor
Maximum defocus (nm)	4.5	Depositor
Magnification	29000.0	Depositor
Image detector	GENERIC CCD	Depositor